

A

Package Contents



Packaging



DVR Unit



Software CD



BNC to
RCA Cable



Ethernet Cable



Remote
Control



Manual



8/16 BNC
Adapters



USB Cable



Security
Stickers

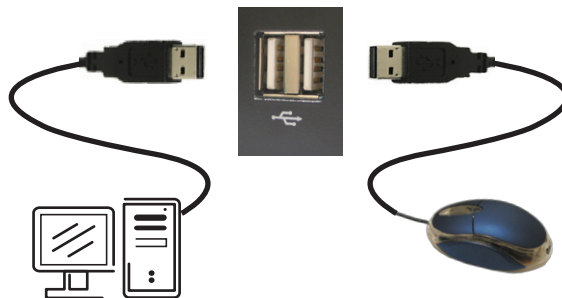


DVR Power Cable

C

USB Connections

Connect the USB Cable to a PC for backup features and connect a USB Mouse* for point and click menu controls



*Mouse not included

B

DVR & Camera Connections

1

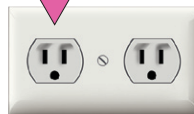
Connect your cameras to the BNC connectors on the back of the DVR labelled 'VIDEO IN'



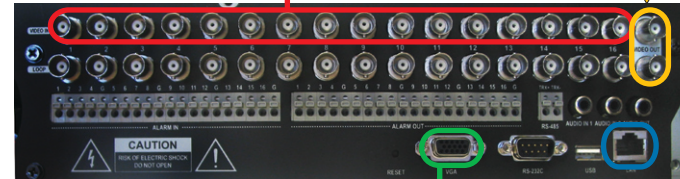
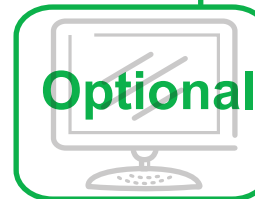
DVR Power
Cable

5

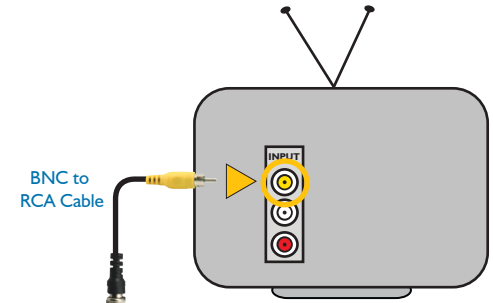
Connect the Power Cable to the back of the DVR. Flip the switch to power DVR


4

Connect a VGA cable (not included) from your monitor to the VGA port on the back of the DVR


2

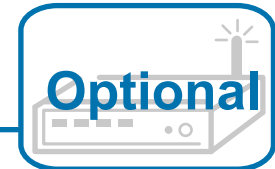
Connect the Yellow RCA plug to a TV's INPUT and connect the BNC end to the Video Output on DVR



Ethernet
Cable

3

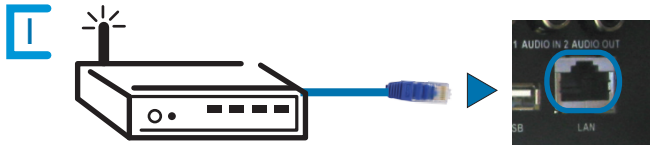
Connect one end of the Ethernet cable to the LAN port on the DVR and the other end to your router/modem



D

Remote Viewing Setup Guide

This is a general setup guide for preparing the DVR for viewing over an internet connection. This guide assumes you have a computer, connected to a DHCP enabled router/modem that is connected to the internet. If the general router settings below differ from yours, contact your router manufacturer or visit www.portforward.com for more specific information on settings



Connect the Ethernet Cable from the back of your Router/Modem into the **LAN** port on the back of the DVR



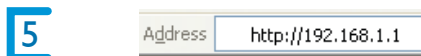
Select **Network Connection**

NETWORK TYPE	DHCP
IP ADDRESS	192.168.1.4
SUBNET MASK	255.255.255.0
DEFAULT GATEWAY	192.168.1.1

Set the **Network Type** to **DHCP**. The DVR will automatically detect your network settings. Write down the **IP Address** given to your DVR. If you are accessing the DVR on a local network only, enter the **IP Address** in Internet Explorer to access the DVR. To view over the internet continue to 4.

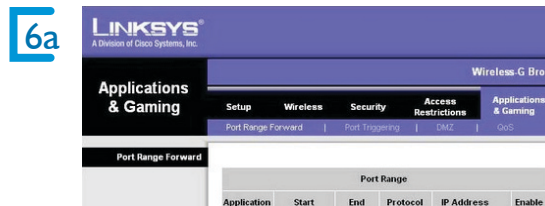


Back in the **Network & Internet** menu click the second option to find the Web Service Port. By default, this is set to 80



Log into your router by typing the **Default Gateway** in Internet Explorer. In our example this is <http://192.168.1.1> another common gateway is <http://10.1.1.1>

NOTE: If you are unfamiliar with networking we recommend you contact your modem manufacturer or internet provider as modem options and features vary by model. The following are general steps common to some modem/routers



For some Linksys modem/routers you will find Port Forwarding options in "Applications & Gaming" under **Port Range Forward**

Port Range					
Application	Start	End	Protocol	IP Address	Enable
DVR1	80	to 80	Both	192.168.1.4	<input checked="" type="checkbox"/>
		to	Both	192.168.1.	<input checked="" type="checkbox"/>
		to	Both	192.168.1.	<input checked="" type="checkbox"/>
		to	Both	192.168.1.	<input checked="" type="checkbox"/>

Next, forward the **Web Service Port** (default port 80) to the **IP Address** found in step 3. In **Port Range** create an entry called **DVR1**. Set **Start** and **End** to **80** and set the **IP Address** to the same address you found in step 3. Ensure **Enable** is checked and then save settings



For some D-Link routers, port forwarding can be found under **Advanced > Virtual Server** - Create a **Rule Name** called **DVR1** Set the **Private IP** to the IP Address in step 3 Set **Port Start**, **End**, **Map** to **80**. Save the rule and apply it to the **IP Address** of the DVR, i.e. 192.168.1.4 in our example

7 Your IP Address Is ***.***.***.***

To login remotely you will need to find your **Internet IP** address. You can find this at www.whatismyip.com It will be different from the IP address or Default Gateway found in step 3



Finally, back in Internet Explorer - type in your Internet IP address and press enter. **Your IP will be different from the above**. Follow the prompts to automatically download and log into the DVR